

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Sub
DI
B12
Claim 1 (currently amended): Transmission unit, comprising:

1.1 ~~with~~ a transmission input shaft (E) and a transmission output shaft (A), and a transmission basic unit (25) situated between transmission input shaft (E) and transmission output shaft (A), which is connected to an angular drive (4);

1.2 ~~where~~ the angular drive (4) ~~includes at least~~ including a bevel gear drive (3) with a first bevel gear (8) and a second bevel gear (9), where the second bevel gear (9) is solidly connected to the transmission output shaft, at least indirectly;

1.3 ~~with~~ a transmission housing (5) that includes at least a transmission base housing (6) that covers the transmission basic ~~element (25)~~, and which can be unit (25), and which is connected to a housing cover formed by a transmission housing ~~component (7)~~, which component (7) which covers the angular drive (4) at least in part;

~~characterized by the following characteristics:~~

1.4 the first bevel gear (8) of the angular drive (4) and a transmission element of the ~~basic transmission~~ transmission basic unit (25), which constitutes the output (15) of ~~basic transmission~~ the transmission basic unit (25), ~~have a direct and solid connection and are having a direct and solid connection without a separate connecting shaft and~~ located in immediate proximity to each other;

1.5 the ~~basic transmission~~ transmission basic unit (25) ~~does not include~~ not including any elements capable of generating axial forces to act against the housing cover ~~on the housing wall~~;

1.6 the solid connection ~~consists~~ consisting essentially of complementary driving elements, which may be brought to bear upon each other, on the transmission ~~elements~~ element functioning as the output (15) and the first bevel gear (8);

1.7 the first bevel gear (8) of angular drive (4) ~~is supported~~ supported within the transmission housing component (7).

Claim 2 (currently amended): Transmission unit according to claim 1 ~~characterized by the following characteristics wherein:~~

2.1 the transmission basic unit (25) includes at least one epicyclic gear train (27) with at least one annulus (26), one sun gear ~~(12)~~, (12) and pinion gears (13) ~~and a bar (14) or a cylindrical gear pair;~~

2.2 the output (15) of transmission basic unit (25) consists essentially of an element of the epicyclic gear train (27) ~~or the cylindrical gear pair.~~

21
B12
Claim 3 (currently amended): Transmission unit according to claim 1 ~~characterized by having including~~ driving elements on the first bevel gear (8) and/or on the transmission element that forms the output (15) of the transmission basic unit (25) and the corresponding driving elements on the transmission element that forms the output (15) of the transmission basic unit (25) and/or the first bevel gear (8), which are oriented and positioned in an axial direction relative to the position of the ~~transmission axle~~ transmission axis, specifically the transmission input shaft (E), as installed.

Claim 4 (currently amended): Transmission unit according to claim 1 characterized by having driving elements on the first bevel gear (8) and/or on the transmission element that forms the output (15) of the transmission basic unit (25) and the corresponding driving elements on the transmission element that forms the output (15) of the transmission basic unit (25) and/or the first bevel gear (8), which are oriented and positioned ~~in a radial direction~~ radially relative to the position of the ~~transmission axle, specifically the transmission input shaft (E), as installed~~ transmission axis, specifically the transmission input shaft (E), as installed.

Claim 5 (currently amended): Transmission unit according to claim 4 ~~characterized by the following characteristics wherein:~~

5.1 the driving elements are positioned in the area of the interior circumference of the transmission element, ~~which forms output (15) element which forms the output (15) of the transmission basic unit;~~

5.2 the driving elements complementary to it ~~the driving elements~~ ^{positioned} ~~positioned~~
in the area of the interior circumference are positioned on the first bevel gear (8) in the
area of its external circumference (16).

Claim 6 (currently amended): Transmission unit according claim 4 ~~characterized by the~~
~~following characteristics wherein:~~

6.1 the output (15) of transmission basic unit (25) ~~consists of the~~ consists
essentially of an annulus (26) of ~~the an~~ an epicyclic gear train (27);

6.2 the driving elements consist essentially of an exterior toothing (28) on the
first bevel gear (8) complementary to ~~[[the]]~~ interior toothing (29) of an axially extended
portion of the annulus (26), ~~where annulus (26) has an elongation in an axial direction,~~
which does not connect to the pinion gears (13) and where the first bevel gear (8) has a
segment (35) with no beveled toothing.

Claim 7 (currently amended): Transmission unit according to claim 2 ~~characterized by~~
~~having an~~ the output (15) of the transmission basic unit (25) ~~[[with]]~~ has a transmission
element consisting essentially of a sun gear (12) ~~or a bar (14)~~ of the epicyclic gear train
(27) ~~or a cylindrical gear.~~

Claim 8 (currently amended): Transmission unit according to claim 1 ~~characterized by~~
~~the following characteristics wherein:~~

the transmission housing ~~component (7), which~~ component (7) which encloses the
transmission unit at least in the area of the angular ~~drive (4), is designed such that,~~ drive
(4) is designed for all theoretically possible angular drives with the following
characteristics:

~~[[-]]~~ the gear ratio i is essentially ~~constant~~ constant,

~~[[- and]]~~ the outside diameters of the various bevel gears are essentially constant, and

~~it has the same exterior dimensions, where~~ the housing component has the same
exterior dimensions.

whereby various position angles for the transmission output shaft (A) may be realized by an exchangeable apparatus to support the second bevel gear (9) and/or the transmission output ~~gear~~ shaft (A).

Claim 9 (currently amended): Transmission unit according to claim 8 ~~characterized by having~~ wherein the transmission housing component (7) ~~consist~~ consists essentially of a single housing.

Claim 10 (currently amended): Transmission unit according to claim 1 ~~characterized by having~~ wherein the transmission basic unit (25) ~~consist of~~ comprises a hydrodynamic and a mechanical transmission component.

Claim 11 (currently amended): Transmission unit according to claim 1 ~~characterized by the possibility that~~ wherein the angular drive (4) and the housing component, which covers it at least partially, ~~can be combined to~~ the angular drive at least partially, are combined into a modular unit.

Claim 12 (currently amended): Transmission unit according to claim 1 characterized by ~~having~~ straight toothing in the toothing of the connected bevel gears.

Claim 13 (currently amended): Transmission unit according to claim 1 characterized by ~~having~~ diagonal toothing in the toothing of the connected bevel gears of the bevel gear drive.

Claim 14 (currently amended): Transmission unit according to claim 12 characterized by ~~having~~ identical height of the toothing of the bevel gears of the bevel gear drive.

Claim 15 (currently amended): Transmission unit according to claim 2, characterized by having driving elements on the first bevel gear (8) and/or on the transmission element that forms the output (15) of the transmission basic unit (25) and the corresponding driving elements on the transmission element that forms the output (15) of the transmission basic

unit (25) and/or the first bevel gear (8), which are oriented and positioned in an axial direction relative to the position of the ~~transmission axle~~ transmission axis, specifically the transmission input shaft (E), as installed.

Claim 16 (currently amended): Transmission unit according to claim 2, ~~characterized by including~~ having driving elements on the first bevel gear (8) and/or on the transmission element that forms the output (15) of the transmission basic unit (25) and the corresponding driving elements on the transmission element that forms the output (15) of the transmission basic unit (25) and/or the first bevel gear (8), which are oriented and positioned ~~in a radial direction relative to the position of the transmission axle, specifically the transmission input shaft (E), as installed~~ radially relative to the transmission axis, specifically the transmission input shaft (E), as installed.

Claim 17 (currently amended): Transmission unit according to claim 5 ~~characterized by the following characteristics wherein:~~

the output (15) of transmission basic unit (25) consists ~~of the annulus (26) of the~~ essentially of an annulus (26) of an epicyclic gear train (27);

the driving elements consist essentially of an exterior toothing (28) on the first bevel gear (8) complementary to ~~[[the]]~~ interior toothing (29) of an axially extending portion of the annulus (26), ~~where annulus (26) has an elongation in an axial direction,~~ which does not connect to the pinion gears (13) and where the first bevel gear (8) has a segment (35) with no beveled toothing.

Claim 18 (currently amended): Transmission unit according to claim 3 characterized by ~~having and output~~ the output (15) of the transmission basic unit (25) ~~[[with]]~~ having a transmission element consisting essentially of a sun gear (12) ~~or a bar (14) of the~~ epicyclic gear train (27) ~~or a cylindrical gear~~.

Claim 19. (currently amended): Transmission unit according to claim 4 characterized by ~~having and output~~ the output (15) of the transmission basic unit (25) ~~[[with]]~~ having a

Application Serial No. 10/070,784
Amendment dated January 9, 2004
Reply to Office Action dated July 23, 2003

C transmission element consisting essentially of a sun gear (12) ~~or a bar (14)~~ of the ^a
epicyclic gear train (27) ~~or a cylindrical gear.~~

~~BS~~ Claim 20 (currently amended): Transmission unit according to claim 5 characterized by
~~having and output~~ the output (15) of the transmission basic unit (25) ~~[[with]]~~ ^a having a
transmission element consisting essentially of a sun gear (12) ~~or a bar (14)~~ of the ~~the~~
epicyclic gear train (27) ~~or a cylindrical gear.~~